Set	Items	Description
S1	565	SOFTWARE(W)REJUVENAT???
S2	0	S1(50N)(NASA OR NATIONAL()AERONAUTICS(1W)SPACE()ADMINISTRATION OR NATIONAL()AERONAUTICS(1W)SPACE()AGENCY OR CENTRAL()OPERATION(1W)RESOURCES(1W)EDUCATORS OR GODDARD()SPACE()FLIGHT()CENTER OR GSFC OR SCIENTIFIC(1W)TECHNICAL()AEROSPACE()REPORT
S3	1142752	(MIRRO? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUCE? OR IMAGE? ?)(3N)(DATA OR DATUM OR CONTENT OR MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM?
S4	26	S1(100N)S3
S5	844199	(SECOND OR 2ND OR ANOTHER OR ADDITIONAL OR OTHER OR TWO OR PAIR OR COUPLE OR TWOSOME OR DOUBLE OR BINARY OR DUAL)(3N)(MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ?
S6	6	S1(100N)S5
S7	12	S S1 AND NASA
S8	374	S S1 NOT PY=2004:2007
S9	374	SORT S8/ALL/PY
S10	28	S S8 AND S3
S11	21	S S8 AND S5
S12	12	S S8 AND (DIMM(1W)DIMM OR PAGE(1W)PAGE OR SECTOR(1W)SECTOR OR SECTION(1W)SECTION OR CHIP(1W)CHIP OR MEMORY(1W)MEMORY)
S13	0	S S12 NOT (S10 OR S11)

[File 345] **Inpadoc/Fam.& Legal Stat** 1968-2007/UD=200711
[File 95] **TEME-Technology & Management** 1989-2007/Mar W3
[File 15] **ABI/Inform(R)** 1971-2007/Mar 26
[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 26
[File 340] **CLAIMS(R)/US Patent** 1950-07/Mar 20
[File 351] **Derwent WPI** 1963-2006/UD=200720
[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 26
[File 56] **Computer and Information Systems Abstracts** 1966-2007/Mar
[File 995] **NewsRoom 2002**
[File 65] **Inside Conferences** 1993-2007/Mar 26
[File 94] **JICST-EPlus** 1985-2007/Apr W1
[File 20] **Dialog Global Reporter** 1997-2007/Mar 27
[File 996] **NewsRoom 2000-2001**
[File 144] **Pascal** 1973-2007/Mar W3
[File 654] **US Pat.Full.** 1976-2007/Mar 22
[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 26
[File 148] **Gale Group Trade & Industry DB** 1976-2007/Mar 16
[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W3
[File 440] **Current Contents Search(R)** 1990-2007/Mar 27
[File 8] **Ei Compendex(R)** 1884-2007/Mar W3
[File 2] **INSPEC** 1898-2007/Mar W3

Set	Items	Description
S1	565	SOFTWARE(W)REJUVENAT???
S2	0	S1(50N)(NASA OR NATIONAL()AERONAUTICS(1W)SPACE()ADMINISTRATION OR NATIONAL()AERONAUTICS(1W)SPACE()AGENCY OR CENTRAL()OPERATION(1W)RESOURCES(1W)EDUCATORS OR GODDARD()SPACE()FLIGHT()CENTER OR GSFC OR SCIENTIFIC(1W)TECHNICAL()AEROSPACE()REPORT
S3	1142752	(MIRRO? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUCE? OR IMAGE? ?)(3N)(DATA OR DATUM OR CONTENT OR MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM?
S4	26	S1(100N)S3
S5	844199	(SECOND OR 2ND OR ANOTHER OR ADDITIONAL OR OTHER OR TWO OR PAIR OR COUPLE OR TWOSOME OR DOUBLE OR BINARY OR DUAL)(3N)(MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ?
S6	6	S1(100N)S5
S7	12	S S1 AND NASA
S8	374	S S1 NOT PY=2004:2007
S9	374	SORT S8/ALL/PY

[File 345] **Inpadoc/Fam.& Legal Stat** 1968-2007/UD=200711
 [File 95] **TEME-Technology & Management** 1989-2007/Mar W3
 [File 15] **ABI/Inform(R)** 1971-2007/Mar 26
 [File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 26
 [File 340] **CLAIMS(R)/US Patent** 1950-07/Mar 20
 [File 351] **Derwent WPI** 1963-2006/UD=200720
 [File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 26
 [File 56] **Computer and Information Systems Abstracts** 1966-2007/Mar
 [File 995] **NewsRoom 2002**
 [File 65] **Inside Conferences** 1993-2007/Mar 26
 [File 94] **JICST-EPlus** 1985-2007/Apr W1
 [File 20] **Dialog Global Reporter** 1997-2007/Mar 27
 [File 996] **NewsRoom 2000-2001**
 [File 144] **Pascal** 1973-2007/Mar W3
 [File 654] **US Pat.Full.** 1976-2007/Mar 22
 [File 16] **Gale Group PROMT(R)** 1990-2007/Mar 26
 [File 148] **Gale Group Trade & Industry DB** 1976-2007/Mar 16
 [File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W3
 [File 440] **Current Contents Search(R)** 1990-2007/Mar 27
 [File 8] **Ei Compendex(R)** 1884-2007/Mar W3
 [File 2] **INSPEC** 1898-2007/Mar W3

Set	Items	Description
S1	1017	(CHIPSET OR CHIP()SET OR PIIISWA OR PIIISWD OR PIIISWM OR C(1W)LINK OR CDMA2000 OR PATHFINDER()II OR AD6682 OR AMDSL OR 829 OR 810E OR PSE(1W)36 OR 3DPRO(1W)2MP OR REAL()IMAGE()1000 OR EXTENDED()SERVER()MEMORY OR PROFUSION)(5N)(MANAGE???? O
S2	46	S1(10N)(REPLAC??? OR SUBSTITUT??? OR SWAP??? OR SWITCH??? OR CHANG??? OR DISPLAC??? OR COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR?)
S3	24	S1(10N)(TEST??? OR EXAMIN??? OR EXAMINATION? ? OR APPRAIS??? OR ASSESS? OR EVALUATE OR GARBAGE()COLLECT?)
S4	19	S1(10N)(FAULT? OR ERROR? ? OR CRASH??? OR ABEND OR FAIL??? OR LOCK???()UP OR FREEZ??? OR FROZEN OR HANG???()UP OR PROBLEM? OR BAD OR IRREGULAR OR ABNORMAL)
S5	7	S1(10N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S6	0	S2 AND S3 AND S4 AND S5
S7	0	S2 AND S3
S8	1	S2 AND S4
S9	0	S2 AND S5
S10	0	S3 AND S4
S11	0	S3 AND S5
S12	0	S4 AND S5
S13	1	S7 OR S8 OR S9 OR S10 OR S11 OR S12
S14	95	S S2 OR S3 OR S4 OR S5
S15	66	RD (unique items)
S16	53	S S15 NOT PY=2004:2007
S17	53	SORT S16/ALL/PY

[File 8] **Ei Compendex(R)** 1884-2007/Mar W1
File 35] **Dissertation Abs Online** 1861-2007/Feb
[File 65] **Inside Conferences** 1993-2007/Mar 12
[File 2] **INSPEC** 1898-2007/Mar W1
[File 94] **JICST-EPlus** 1985-2007/Mar W3
[File 6] **NTIS** 1964-2007/Mar W2
[File 144] **Pascal** 1973-2007/Mar W1
[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W1
[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb
[File 266] **FEDRIP** 2007/Feb
[File 95] **TEME-Technology & Management** 1989-2007/Mar W2
[File 256] **TecInfoSource** 82-2007/Oct

Set	Items	Description
S1	48470	(CHIPSET OR CHIP()SET OR WHITNEY OR PIIISWA OR PIIISWD OR PIIISWM OR C(1W)LINK OR CDMA2000 OR PATHFINDER()II OR AD6682 OR AMDSL OR 829 OR 810E OR PSE(1W)36 OR 3DPRO(1W)2MP OR REAL()IMAGE()1000 OR EXTENDED()SERVER()MEMORY OR\ PROFUSION)(5N)(M
S2	1311	S1(10N)(REPLAC??? OR SUBSTITUT??? OR SWAP??? OR SWITCH??? OR CHANG??? OR DISPLAC??? OR COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR?)
S3	909	S1(10N)(TEST??? OR EXAMIN??? OR EXAMINATION? ? OR APPRAIS??? OR ASSESS? OR EVALUATE OR GARBAGE()COLLECT?)
S4	446	S1(10N)(FAULT? OR ERROR? ? OR CRASH??? OR ABEND OR FAIL??? OR LOCK???()UP OR FREEZ??? OR FROZEN OR HANG???()UP OR PROBLEM? OR BAD OR IRREGULAR OR ABNORMAL)
S5	467	S1(10N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S6	0	S2(100N)S3(100N)S4(100N)S5
S7	23	S S2(100N)S3
S8	20	S S2(100N)S4
S9	8	S S2(100N)S5
S10	26	S S3(100N)S4
S11	5	S S3(100N)S5
S12	8	S S4(100N)S5
S13	83	S S7 OR S8 OR S9 OR S10 OR S11 OR S12
S14	57	RD (unique items)
S15	49	S S14 NOT 2004:2007
S16	49	SORT S15/ALL/PY

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 12
[File 47] **Gale Group Magazine DB(TM)** 1959-2007/Mar 02
[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Mar 02
[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 12
[File 148] **Gale Group Trade & Industry DB** 1976-2007/Mar 02
[File 624] **McGraw-Hill Publications** 1985-2007/Mar 13
[File 98] **General Sci Abs** 1984-2007/Mar
[File 553] **Wilson Bus. Abs.** 1982-2007/Mar
[File 15] **ABI/Inform(R)** 1971-2007/Mar 13
[File 635] **Business Dateline(R)** 1985-2007/Mar 13
[File 9] **Business & Industry(R)** Jul/1994-2007/Mar 12
[File 610] **Business Wire** 1999-2007/Mar 13
[File 810] **Business Wire** 1986-1999/Feb 28
[File 647] **CMP Computer Fulltext** 1988-2007/May W4
[File 674] **Computer News Fulltext** 1989-2006/Sep W1
[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Mar 12
[File 369] **New Scientist** 1994-2007/Nov W2
[File 613] **PR Newswire** 1999-2007/Mar 13
[File 813] **PR Newswire** 1987-1999/Apr 30
[File 370] **Science** 1996-1999/Jul W3
[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 12
[File 160] **Gale Group PROMT(R)** 1972-1989
[File 484] **Periodical Abs Plustext** 1986-2007/Feb W3
[File 634] **San Jose Mercury** Jun 1985-2007/Mar 11

Set	Items	Description
S1	505	S (CHIPSET OR CHIP()SET OR PIIISWA OR PIIISWD OR PIIISWM OR C(1W)LINK OR CDMA2000 OR PATHFINDER()II OR AD6682 OR AMDSL OR 829 OR 810E OR PSE(1W)36 OR 3DPRO(1W)2MP OR REAL()IMAGE()1000 OR EXTENDED()SERVER()MEMORY OR PROFUSION)(5N)(MANAGE???? OR MANAGER OR CONTROL??? OR OVERSIGHT OR ADMINISTRAT??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTER OR DIRECT??? OR ORGANIZ??? OR ORGANIS??? OR GOVERN??? OR HANDL??? OR OPERAT???)
S2	35	S S1(10N)(REPLAC??? OR SUBSTITUT??? OR SWAP??? OR SWITCH??? OR CHANG??? OR DISPLAC??? OR COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR?)
S3	9	S S1(10N)(TEST??? OR EXAMIN??? OR EXAMINATION? ? OR APPRAIS??? OR ASSESS? OR EVALUATE OR GARBAGE()COLLECT?)
S4	8	S S1(10N)(FAULT? OR ERROR? ? OR CRASH??? OR ABEND OR FAIL??? OR LOCK???()UP OR FREEZ??? OR FROZEN OR HANG???()UP OR PROBLEM? OR BAD OR IRREGULAR OR ABNORMAL)
S5	4	S S1(10N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S6	0	S S2 AND S3 AND S4 AND S5
S7	0	S S2 AND S3
S8	1	S S2 AND S4
S9	1	S S2 AND S5
S10	1	S S3 AND S4
S11	0	S S3 AND S5
S12	0	S S4 AND S5
S13	3	S S7 OR S8 OR S9 OR S10 OR S11 OR S12
S14	53	S S2 OR S3 OR S4 OR S5
S15	40	S S14 NOT AD=20030911:20073107/PR
S16	40	SORT S15/ALL/PD

[File 347] **JAPIO** Dec 1976-2006/Nov(Updated 070228)
[File 350] **Derwent WPIX** 1963-2006/UD=200717

Set	Items	Description
S1	14914	S (CHIPSET OR CHIP()SET OR WHITNEY OR PIIISWA OR PIIISWD OR PIIISWM OR C(1W)LINK OR CDMA2000 OR PATHFINDER()II OR AD6682 OR AMDSL OR 829 OR 810E OR PSE(1W)36 OR 3DPRO(1W)2MP OR REAL()IMAGE()1000 OR EXTENDED()SERVER()MEMORY OR PROFUSION OR INTEGRATED()CIRCUITS OR CHIPS OR MOTHERBOARD? ? OR MOTHER()BOARD)(5N)(MANAGE???? OR MANAGER OR CONTROL??? OR OVERSIGHT OR ADMINISTRAT??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTER OR DIRECT??? OR ORGANIZ??? OR ORGANIS??? OR GOVERN??? OR HANDL??? OR OPERAT???)
S2	897	S S1(10N)(REPLAC??? OR SUBSTITUT??? OR SWAP??? OR SWITCH??? OR CHANG??? OR DISPLAC??? OR COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR?)
S3	764	S S1(10N)(TEST??? OR EXAMIN??? OR EXAMINATION? ? OR APPRAIS??? OR ASSESS? OR EVALUATE OR GARBAGE()COLLECT?)
S4	543	S S1(10N)(FAULT? OR ERROR? ? OR CRASH??? OR ABEND OR FAIL??? OR LOCK???()UP OR FREEZ??? OR FROZEN OR HANG???()UP OR PROBLEM? OR BAD OR IRREGULAR OR ABNORMAL)
S5	272	S S1(10N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S6	1	S S2(100N)S3(100N)S4(100N)S5
S7	37	S S2(100N)S3
S8	27	S S2(100N)S4
S9	21	S S2(100N)S5
S10	51	S S3(100N)S4
S11	8	S S3(100N)S5
S12	16	S S4(100N)S5
S13	143	S S7 OR S8 OR S9 OR S10 OR S11 OR S12
S14	132	S S13 NOT AD=20030911:20073107/PR
S15	35	S S2(20N)S3
S16	25	S S2(20N)S4
S17	20	S S2(20N)S5
S18	50	S S3(20N)S4
S19	8	S S3(20N)S5
S20	16	S S4(20N)S5
S21	138	S S15 OR S16 OR S17 OR S18 OR S19 OR S20
S22	32	S S2(10N)S3
S23	25	S S2(10N)S4
S24	20	S S2(10N)S5
S25	49	S S3(10N)S4
S26	8	S S3(10N)S5
S27	16	S S4(10N)S5
S28	2261	S (CHIPSET OR CHIP()SET OR WHITNEY OR PIIISWA OR PIIISWD OR PIIISWM OR C(1W)LINK OR CDMA2000 OR PATHFINDER()II OR AD6682 OR AMDSL OR 829 OR 810E OR PSE(1W)36 OR 3DPRO(1W)2MP OR REAL()IMAGE()1000 OR EXTENDED()SERVER()MEMORY OR PROFUSION)(5N)(MANAGE???? OR MANAGER OR CONTROL??? OR OVERSIGHT OR ADMINISTRAT??? OR SUPERVIS??? OR REGULAT??? OR ADMINISTER OR DIRECT??? OR ORGANIZ??? OR ORGANIS??? OR GOVERN??? OR HANDL??? OR OPERAT???)
S29	147	S S28(10N)(REPLAC??? OR SUBSTITUT??? OR SWAP??? OR SWITCH??? OR CHANG??? OR DISPLAC??? OR COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR?)
S30	217	S S28(10N)(TEST??? OR EXAMIN??? OR EXAMINATION? ? OR APPRAIS???

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                     OR ASSESS? OR EVALUATE OR GARBAGE()COLLECT?)
S31  93              S S28(10N)(FAULT? OR ERROR? ? OR CRASH??? OR ABEND OR FAIL???
                     OR LOCK???()UP OR FREEZ??? OR FROZEN OR HANG???()UP OR
                     PROBLEM? OR BAD OR IRREGULAR OR ABNORMAL)
S32  26              S S28(10N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR
                     CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S33  13              S S29(100N)S30
S34  6               S S29(100N)S31
S35  3               S S29(100N)S32
S36  4               S S30(100N)S31
S37  0               S S30(100N)S32
S38  0               S S31(100N)S32
S39  26              S S33 OR S34 OR S35 OR S36
S40  21              S S39 NOT AD=20030911:20073107/PR
S41  21              SORT S40/ALL/PD
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[File 348] **EUROPEAN PATENTS** 1978-2007/ 200708
 [File 349] **PCT FULLTEXT** 1979-2007/UB=20070308UT=20070301

Set	Items	Description
S1	6552	(COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR MIRROR? OR DUPLICAT? OR CLONE? ? OR REPLAC???)(3N)(MEMORY OR DIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ? OR SYSTEM(2W)CHIP? ? OR SOC?
S2	132722	(ACCESS? OR REQUEST? ? OR MESSAGE? ? OR READ(1W)WRITE? ? OR READ()ONLY OR DATACOM OR TRANSMISSION OR SIGNAL? ?)(3N)(RE()DIRECT? OR DIRECT OR TRANSFORM? OR RE()ROUTE??? OR FORWARD??? OR RELAY??? OR TRANSFER)
S3	71	S1 AND S2
S4	57	RD (unique items)
S5	34	S S4 NOT PY=2004:2007
S6	34	SORT S5/ALL/PY

[File 8] **Ei Compendex(R)** 1884-2007/Feb W4
 [File 35] **Dissertation Abs Online** 1861-2007/Feb
 [File 65] **Inside Conferences** 1993-2007/Mar 07
 [File 2] **INSPEC** 1898-2007/Feb W4
 [File 94] **JICST-EPlus** 1985-2007/Mar W2
 [File 6] **NTIS** 1964-2007/Mar W1
 [File 144] **Pascal** 1973-2007/Feb W4
 [File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Mar W1
 [File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
 [File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb
 [File 266] **FEDRIP** 2007/Feb
 [File 95] **TEME-Technology & Management** 1989-2007/Mar W1
 [File 256] **TecInfoSource** 82-2007/Oct

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Set    Items      Description
S1     12452      (COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT???
OR
                  REPRODUC? OR MIRROR? OR DUPLICAT? OR CLONE? ? OR
                  REPLAC???)(3N)(MEMORY OR DIMM? ? OR ECC OR ASIC? ? OR
                  APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ? OR
SYSTEM(2W)CHIP? ? OR
                  SOC?
S2     356691     (ACCESS? OR REQUEST? ? OR MESSAGE? ? OR READ(1W)WRITE? ? OR
                  READ()ONLY OR DATACOM OR TRANSMISSION OR SIGNAL?
?)(3N)(RE()DIRECT?
                  OR DIRECT OR TRANSFORM? OR RE()ROUTE??? OR FORWARD??? OR
                  RELAY??? OR TRANSFER)
S3     81         S1(50N)S2
S4     51         RD  (unique items)
S5     47         S S4 NOT PY=2004:2007
S6     47         SORT S5/ALL/PY
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[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 08
[File 47] **Gale Group Magazine DB(TM)** 1959-2007/Feb 28
[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 28
[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 08
[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 28
[File 624] **McGraw-Hill Publications** 1985-2007/Mar 09
[File 98] **General Sci Abs** 1984-2007/Mar
[File 553] **Wilson Bus. Abs.** 1982-2007/Mar
[File 15] **ABI/Inform(R)** 1971-2007/Mar 09
[File 635] **Business Dateline(R)** 1985-2007/Mar 09
[File 9] **Business & Industry(R)** Jul/1994-2007/Mar 08
[File 610] **Business Wire** 1999-2007/Mar 09
[File 810] **Business Wire** 1986-1999/Feb 28
[File 647] **CMP Computer Fulltext** 1988-2007/May W3
[File 674] **Computer News Fulltext** 1989-2006/Sep W1
[File 696] **DIALOG Telecom. Newsletters** 1995-2007/Mar 08
[File 369] **New Scientist** 1994-2007/Nov W2
[File 613] **PR Newswire** 1999-2007/Mar 09
[File 813] **PR Newswire** 1987-1999/Apr 30
[File 370] **Science** 1996-1999/Jul W3
[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 08
[File 160] **Gale Group PROMT(R)** 1972-1989
[File 484] **Periodical Abs Plustext** 1986-2007/Feb W3
[File 634] **San Jose Mercury** Jun 1985-2007/Mar 08

Set	Items	Description
S1	14276	(COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR MIRROR? OR DUPLICAT? OR CLONE? ? OR REPLAC???)(3N)(MEMORY OR DIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ? OR SYSTEM(2W)CHIP? ? OR SOC?
S2	117262	(ACCESS? OR REQUEST? ? OR MESSAGE? ? OR READ(1W)WRITE? ? OR READ()ONLY OR DATACOM OR TRANSMISSION OR SIGNAL? ?)(3N)(RE()DIRECT? OR DIRECT OR TRANSFORM? OR RE()ROUTE??? OR FORWARD??? OR RELAY??? OR TRANSFER)
S3	323	S1 AND S2
S4	203	S (COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR MIRROR? OR DUPLICAT? OR CLONE? ? OR REPLAC???)(3N)(DIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ? OR SYSTEM(2W)CHIP? ? OR SOC? ? OR APPLICATION()SPECIFIC()STANDARD()PART? ? OR ASSP? ? OR PROM? ? OR PROGRAMMABLE()ROM? ? OR PROGRAMMABLE()READ()ONLY()MEMORY? ?)
S5	1	S S4 AND S2
S6	120	S S1(50N)S2
S7	83	S S1(20N)S2
S8	56	S S1(10N)S2
S9	45	S S8 NOT AD=20030911:20073107/PR
S10	45	SORT S9/ALL/PD

[File 347] **JAPIO** Dec 1976-2006/Nov(Updated 070228)
[File 350] **Derwent WPIX** 1963-2006/UD=200716

Set	Items	Description
S1	22985	(COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR REMOVE OR SWITCH OR MIRROR? OR DUPLICAT? OR CLONE? ? OR REPLAC??? OR SWAP??? OR TRANSLAT??? OR INTERCHANG???)(3N)(MEMORY OR DIMM? ? OR ECC OR ASIC? ? O
S2	281729	(COMMUNICATION? ? OR ACCESS? OR REQUEST? ? OR MESSAGE? ? OR TRAFFIC OR READ(1W)WRITE? ? OR READ()ONLY OR DATACOM OR TRANSMISSION OR TALK??? OR SIGNAL? ? OR UNLOCK??? OR OPEN??? OR RETRIEV???)(3N)(RE()DIRECT? OR DIRECT OR CONVERT? OR TRANSFO
S3	1476	S1(50N)S2
S4	6570	S (COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR? OR DUPLICAT? OR CLONE? ? OR REPLAC??? OR SWAP??? OR TRANSLAT??? OR INTERCHANG???)(3N)(DIMM? ? OR RAM? ? OR ROM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ? OR SYSTEM(2W)CHIP? ? OR SOC? ? OR APPLICATION()SPECIFIC()STANDARD()PART? ? OR ASSP? ? OR PROM? ? OR PROGRAMMABLE()ROM? ? OR PROGRAMMABLE()READ()ONLY()MEMORY? ?)
S5	148	S S2(20N)S4
S6	97	S S2(10N)S4
S7	232674	S (COMMUNICATION? ? OR ACCESS? OR REQUEST? ? OR READ(1W)WRITE? ? OR READ()ONLY OR DATACOM OR SIGNAL? ?)(3N)(RE()DIRECT? OR DIRECT OR CONVERT? OR TRANSFORM? OR RE()ROUTE??? OR FORWARD??? OR RELAY??? OR TRANSLAT? OR ADVANC? OR TRANSFER)
S8	228	S S4(50N)S7
S9	90	S S4(10N)S7
S10	190998	S (ACCESS? OR REQUEST? ? OR READ(1W)WRITE? ? OR READ()ONLY OR DATACOM OR SIGNAL? ?)(3N)(RE()DIRECT? OR CONVERT? OR TRANSFORM? OR RE()ROUTE??? OR FORWARD??? OR RELAY??? OR TRANSLAT? OR ADVANC? OR TRANSFER)
S11	80	S S10(10N)S4
S12	78	S S11 NOT AD=20030911:20073107/PR
S13	64	S S10(5N)S4
S14	62	S S13 NOT AD=20030911:20073107/PR
S15	62	SORT S14/ALL/PD
S16	1045	S (COPIED OR COPY??? OR DUPLICATE? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR REWRIT??? OR MIRROR? OR DUPLICAT? OR CLONE? ? OR REPLAC??? OR SWAP??? OR TRANSLAT???)(3N)(DIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ? OR SYSTEM(2W)CHIP? ? OR SOC? ? OR APPLICATION()SPECIFIC()STANDARD()PART? ? OR ASSP? ? OR PROM? ? OR PROGRAMMABLE()ROM? ? OR PROGRAMMABLE()READ()ONLY()MEMORY? ?)
S17	40	S S16(50N)S2
S18	62	S S16(100N)S2
S19	52	S S18 NOT S13
S20	48	S S19 NOT AD=20030911:20073107/PR

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200708
[File 349] **PCT FULLTEXT** 1979-2007/UB=20070301UT=20070222

Set	Items	Description
S1	60556	S (MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ?)(3N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S2	977	S S1(3N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S3	44	S S2(10N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S4	29	RD (unique items)
S5	23	S S4 NOT PY=2004:2007
S6	70	S S2(20N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S7	51	RD (unique items)
S8	36	S S7 NOT PY=2004:2007
S9	36	SORT S8/ALL/PY

[File 8] **Ei Compendex(R)** 1884-2007/Feb W4
[File 35] **Dissertation Abs Online** 1861-2007/Feb
[File 65] **Inside Conferences** 1993-2007/Mar 06
[File 4] **INSPEC** 1983-2007/Feb W4
[File 94] **JICST-EPlus** 1985-2007/Mar W2
[File 6] **NTIS** 1964-2007/Mar W1
[File 144] **Pascal** 1973-2007/Feb W4
[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Feb W4
[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Feb
[File 239] **Mathsci** 1940-2007/Apr
[File 56] **Computer and Information Systems Abstracts** 1966-2007/Feb
[File 57] **Electronics & Communications Abstracts** 1966-2007/Feb
[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Feb
[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13

Set	Items	Description
S1	64605	S (MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ?)(3N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S2	1563	S S1(7N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S3	52	S S2(20N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S4	45	S S3 NOT PY=2004:2007
S5	32	RD (unique items)
S6	32	SORT S5/ALL/PY

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Mar 05
[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 23
[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Mar 05
[File 16] **Gale Group PROMT(R)** 1990-2007/Mar 05
[File 160] **Gale Group PROMT(R)** 1972-1989
[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 23
[File 624] **McGraw-Hill Publications** 1985-2007/Mar 05
[File 15] **ABI/Inform(R)** 1971-2007/Mar 05
[File 647] **CMP Computer Fulltext** 1988-2007/May W3
[File 674] **Computer News Fulltext** 1989-2006/Sep W1

Set	Items	Description
S1	206020	S (MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ?)(3N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S2	13143	S S1(7N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S3	196	S S2(20N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S4	96	S S2(5N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S5	8206	S S1(3N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S6	54	S S5(5N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S7	48	S S6 NOT AD=20030911:20073107/PR
S8	48	SORT S7/ALL/PD

[File 347] **JAPIO** Dec 1976-2006/Nov(Updated 070228)
[File 350] **Derwent WPIX** 1963-2006/UD=200715

Set	Items	Description
S1	109814	S (MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR\ EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR ASIC? ? OR APPLICATION()SPECIFIC()INTEGRATED()CIRCUIT? ?)(3N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S4	10576	S S1(7N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S6	300	S S4(20N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR APPRAIS??? OR ASSESS? OR INVESTIGAT??? OR EVALUAT???)
S7	8770	S S1(5N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S8	146	S S7(10N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR EVALUAT???)
S9	2104	S S1(5N)(MIRROR? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ?)
S10	28	S S9(10N)(TESTING OR EXAMIN??? OR EXAMINATION? ? OR TEST??? OR EVALUAT???)
S11	27	S S10 NOT AD=20030911:20073107/PR
S12	27	SORT S11/ALL/PD

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200708
[File 349] **PCT FULLTEXT** 1979-2007/UB=20070301UT=20070222

Set	Items	Description
S1	44038	S (MEMORY OR STORAGE)(3N)(MAIN OR PRIMARY OR ORIGINAL OR CENTRAL OR FIRST OR 1ST OR BASE OR ROOT OR PRINCIPAL OR ELEMENTAL OR PRIME OR SECTION? OR BLOC??? OR ZONE? ? OR SEGMENT? ?)
S2	297	S S1(3N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC?)
S3	0	S S2(3N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)
S4	0	S S2(10N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)
S5	638	S S1(10N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC?)
S6	0	S S5(10N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)
S7	8957	S (RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR READ()ONLY OR READ(1N)WRITE OR SIMM OR (DATA OR CACHE)(1W)(STORE OR STORAGE))(3N)(MAIN OR PRIMARY OR ORIGINAL OR CENTRAL OR FIRST OR 1ST OR BASE OR ROOT OR PRINCIPAL OR ELEMENTAL OR PRIME OR SECTION? OR BLOC??? OR ZONE? ? OR SEGMENT? ?)
S8	48	S S7(5N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC?)
S9	0	S S8(10N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)
S10	107	S S7(3N)(SECOND OR 2ND OR SECONDARY OR ANOTHER OR OTHER)
S11	0	S S10(3N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)

[File 8] **Ei Compendex(R)** 1884-2007/Feb W3
[File 35] **Dissertation Abs Online** 1861-2007/Feb
[File 65] **Inside Conferences** 1993-2007/Feb 27
[File 4] **INSPEC** 1983-2007/Feb W3
[File 94] **JICST-EPlus** 1985-2007/Mar W1
[File 6] **NTIS** 1964-2007/Feb W4
[File 144] **Pascal** 1973-2007/Feb W3
[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Feb W3
[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Jan
[File 239] **Mathsci** 1940-2007/Mar
[File 56] **Computer and Information Systems Abstracts** 1966-2007/Feb
[File 57] **Electronics & Communications Abstracts** 1966-2007/Feb
[File 60] **ANTE: Abstracts in New Tech & Engineer** 1966-2007/Feb
[File 583] **Gale Group Globalbase(TM)** 1986-2002/Dec 13

Set	Items	Description
S1	154171	S (MEMORY OR STORAGE OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR READ()ONLY OR READ(1N)WRITE OR SIMM)(3N)(MAIN OR PRIMARY OR ORIGINAL OR CENTRAL OR FIRST OR 1ST OR BASE OR ROOT OR PRINCIPAL OR ELEMENTAL OR PRIME OR SECTION? OR BLOC??? OR ZONE? ? OR SEGMENT? ?)
S2	898	S S1(3N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC?)
S3	5	S S2(3N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING OR CANCEL)
S4	5	S S3 NOT PY=2004:2007
S5	33989	S (MEMORY)(3N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S6	47	S (S5(5N)(MIRROR OR MIRRORING)) NOT RAID
S7	46	S S6 NOT PY=2004:2007
S8	26	RD (unique items)
S9	26	SORT S8/ALL/PY

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Feb 26
[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 16
[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Feb 26
[File 16] **Gale Group PROMT(R)** 1990-2007/Feb 26
[File 160] **Gale Group PROMT(R)** 1972-1989
[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 16
[File 624] **McGraw-Hill Publications** 1985-2007/Feb 27
[File 15] **ABI/Inform(R)** 1971-2007/Feb 27
[File 647] **CMP Computer Fulltext** 1988-2007/May W1
[File 674] **Computer News Fulltext** 1989-2006/Sep W1

Set	Items	Description
S1	2067505	S (MEMORY OR STORAGE)
S2	194594	S S1(3N)(MAIN OR PRIMARY OR ORIGINAL OR CENTRAL OR FIRST OR 1ST OR BASE OR ROOT OR PRINCIPAL OR ELEMENTAL OR PRIME OR SECTION? OR BLOC??? OR ZONE? ? OR SEGMENT? ?)
S3	2507	S S2(3N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC?)
S4	13	S S3(3N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)
S5	699	S (MEMORY(5N)(MIRROR OR MIRRORING OR MIRRORS)) NOT RAID
S6	9	S S4 NOT PY=2004:2007
S7	187	S S5(5N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S8	182177	S MEMORY(3N)(LOCATION? OR CELL? ? OR ELEMENT? ? OR PORTION OR AREA OR PART OR POINT OR REGION OR POSITION OR SECTOR)
S9	116	S S8(3N)(MIRROR OR MIRRORING OR MIRRORS)
S10	115	S S9 NOT RAID
S11	115	S S10 NOT REDUNDANT()ARRAYS(1W)INDEPENDENT()DISK

Set	Items	Description
S1	631736	S (MEMORY OR STORAGE)
S2	111572	S S1(3N)(MAIN OR PRIMARY OR ORIGINAL OR CENTRAL OR FIRST OR 1ST OR BASE OR ROOT OR PRINCIPAL OR ELEMENTAL OR PRIME OR SECTION? OR BLOC??? OR ZONE? ? OR SEGMENT? ?)
S3	3051	S S2(3N)(MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC?)
S4	18	S S3(3N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING OR FLUSH OR FLUSHING)
S5	13	S S4 NOT PY=2004:2007
S6	13	SORT S5/ALL/PD

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200708
 [File 349] **PCT FULLTEXT** 1979-2007/UB=20070222UT=20070215

Set	Items	Description
S1	500534	(MEMORY OR RAM? ? OR ROM? ? OR PROM? ? OR EPROM? ? OR EEPROM? ? OR DRAM? ? OR SDRAM? ? OR RDRAM? ? OR DIMM? ? OR SODIMM? ? OR ECC OR READ()ONLY OR READ(1N)WRITE OR SIMM OR (DATA OR CACHE)(1W)(STORE OR STORAGE))
S2	80394	S1(3N)(MAIN OR PRIMARY OR ORIGINAL OR CENTRAL OR FIRST OR 1ST OR BASE OR ROOT OR PRINCIPAL OR ELEMENTAL OR PRIME OR KEY)
S3	25208	S2(5N)(SECOND OR 2ND OR SECONDARY OR ANOTHER OR OTHER OR MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S4	494	S3(7N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S5	20415	S S2(3N)(SECOND OR 2ND OR SECONDARY OR ANOTHER OR OTHER OR MIRROR? OR REFLECT? OR COPIED OR COPY??? OR DUPLICAT? OR CLONE? ? OR REPLICAT??? OR REPRODUC? OR IMAGE? ? OR IDENTICAL OR DOUBL??)
S6	314	S S3(3N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR CLEAN??? OR ELIMINAT??? OR DELET??? OR WIPE OR CANCEL???)
S7	264	S S5(5N)(SCRUB??? OR ERAS??? OR PURG? OR CLEAR??? OR DELET??? OR WIPE)
S8	78	S S5(3N)(SCRUB OR SCRUBBING OR SCRUBS OR ERASE OR ERASING OR ERASES OR DELETE OR DELETES OR DELETING OR WIPE OR WIPING)
S9	54	S S8 NOT PY=2004:2007
S10	54	SORT S9/ALL/PD

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200708
[File 349] **PCT FULLTEXT** 1979-2007/UB=20070222UT=20070215

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A main memory controller connected to a main memory and a processor, the main memory controller having:

1. memory configured to logically replace one or more main memory locations
2. a scrub logic configured to selectively scrub the one or more main memory locations

and a fault management logic which will selectively process a memory fault generated by the one or more main memory locations.

Search strings:

PY	not py=2004:2006
save temp	919memory

Main strings	
S1	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S2	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S3	
S4	replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or transform??? or translat??? or interchang???
S5	
S6	scrub??? or eras??? or purg? or clear??? or clean??? or eliminat??? or delet??? or wipe or cancel???
S7	
S8	fault? or error? ? or crash??? or abend or fail??? or lock???()up or freez??? or frozen or hang???()up or problem? or bad or irregular or abnormal
Narrowing strings	
S9	controller or manager or master
S10	memory (5n) repair or redundant or failed
S11	{may not be needed with s6} logic or sequence or argument??? or deduct???
S12	{may not be needed with s8} manage???? or oversight or administrat??? or control??? or governance or handl??? or manipulat??? or operat??? or oversight or supervis???
Alternative strings	
S13	memory management - see memory allocation, virtual memory, garbage collection, memory protection, EMS, EMM and DOS memory manager
AU	
S14	S1 and (AU=(Pomaranski, K? or Pomaranski, K?) or (Barr, A? or Barr A?) or (Shidla, D? or Shidla D?))

Nesting:

N1	s (memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc)(3n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N2	s s1(10n)(replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or transform??? or translat??? or interchang???)
N3	s s1(10n)(scrub??? or eras??? or purg? or clear??? or clean??? or eliminat??? or delet??? or wipe or cancel???)
N4	s s1(10n)(fault? or error? ? or crash??? or abend or fail??? or lock???()up or freez??? or frozen or hang???()up or problem? or bad or irregular or abnormal)
N5	(controller or manager or master)(10n)(memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc)
N6	s s2 and s3 and s4
N7	s s2(10n)s3 – s s2(10n)s4 – s s3(10n)s4

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Memory access logic connected to a main memory and a processor, which is made up of:
1) a memory to store contents of a main memory location and to accept memory access requests for the main memory location from the processor while the contents of the main memory location are stored in the memory;
2) and a scrub logic configured to selectively mirror the main memory location into the memory and to selectively scrub the main memory location

Search strings:

PY	9/11/03 not py=2004:2006
save temp	1024memory

Main strings	
S1	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S2	
S3	mirror? or reflect? or copied or copy??? or duplicat? or clone? ? or replicat??? or reproduc? or image? ? or identical or doubl??
S4	scrub??? or eras??? or purg? or clear??? or clean??? or eliminat??? or delet??? or wipe or cancel???
S5	access? or disclos??? or unlock??? or open??? or brows??? or retriev??? or display??? or admission or admittance
S6	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S7	
S8	cpu or micro()processor or processor or processing()(unit or device) or dual()core or multicore
S9	store? ? or buffer? or stash or repository or reserve or cache or archiv?? or record? or save? ? or saving or hold???
Narrowing strings	
S10	{with memory} controller or manager or master
S11	{may not be needed with scrub} logic or sequence or argument??? or deduct???

Nesting:

N1	s (memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc)
N2	s s1(5n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N3	s s1(5n)(access? or disclos??? or unlock??? or open??? or brows??? or retriev??? or display??? or admission or admittance)
N4	s s1(5n)(mirror? or reflect? or copied or copy??? or duplicat? or clone? ? or replicat??? or reproduc? or image? ? or identical or doubl??)
N5	s s1(5n)(scrub??? or eras??? or purg? or clear??? or clean??? or eliminat??? or delet??? or wipe or cancel???)
N6	s s2(10n)s3
N7	s s3(10n)s4
N8	s s6(10n)s7
N9	s s8(10n)(cpu or micro()processor or processor or processing()(unit or device) or dual()core or multicore)

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A main memory controller connected to a main memory and a processor,
1) the main memory controller is a memory configured to logically replace one or more main memory locations;
2) a scrub logic configured to selectively scrub the one or more main memory locations;
3) and a fault management logic configured to selectively process a memory fault generated by the one or more main memory locations.

Search strings:

PY	9/11/03 not py=2004:2006
save temp	2026memory

Main strings	
S1	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S2	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S3	
S4	replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or transform??? or translat??? or interchang???
S5	scrub??? or eras??? or purg? or clear??? or clean??? or eliminat??? or delet??? or wipe or cancel???
S6	
S7	fault? or error? ? or crash??? or abend or fail??? or lock???()up or freez??? or frozen or hang???()up or problem? or bad or irregular or abnormal
S8	manage???? or oversight or administrat??? or control??? or governance or handl??? or manipulat??? or operat??? or oversight or supervis??? or master?

Narrowing strings	
S9	{with memory} controller or manager or master
S10	{may not be needed with scrub} logic or sequence or argument??? or deduct???

Alternative strings	
S11	cpu or micro()processor or processor or processing()(unit or device) or dual()core or multicore

Nesting:

N1	s memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
N2	s s1(5n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N3	s s1(5n)(replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or transform??? or translat??? or interchang???)
N4	s s1(5n)(scrub??? or eras??? or purg? or clear??? or clean??? or eliminat??? or delet??? or wipe or cancel???)
N5	s s1(5n)(fault? or error? ? or crash??? or abend or fail??? or lock???()up or freez??? or frozen or hang???()up or problem? or bad or irregular or abnormal)

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1) Selectively copying contents of a main memory location to a cache memory location in a main memory controller chipset;

2) logically replacing the main memory location with the cache memory location;

2) and memory testing the main memory location, where the memory testing is performed by testing logic in the main memory controller chipset.

Search strings:

PY	9/11/03 not py=2004:2006
save temp	1027memory

Main strings	
S1	cache
S2	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S3	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S4	copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch
S5	replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or interchang???
S6	testing or examin??? or examination? ? or test??? or apprais??? or assess? or investigat??? or check? or evaluat???

Nesting:

N1	s memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
N2	s s1(5n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N3	s s2(5n)(copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch)
N4	s s2(5n)(replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or interchang???)
N5	s (s3 or s4)(10n)cache
N6	s s1(20n)(testing or examin??? or examination? ? or test??? or apprais??? or assess? or investigat??? or evaluat???)
N7	s s5(100n)s6

1) Logic to select a memory location from the main memory and
2) copy contents of the memory location to the memory, and
3) to cause memory access requests directed to the memory location to be redirected to the
memory (different memory); and
4) perform memory management operations for the memory location while the contents of the
memory location are accessible through the memory without disturbing the operation of
components configured to access the memory location.

Search strings:

PY	9/11/03 not py=2004:2006
save temp	1030memory

Main strings	
S1	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S2	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S3	
S4	copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch
S5	re()direct? or convert? or transform? or re()route??? or forward??? or relay??? or translat? or advanc?
S6	request? ? or command or directive? ? or instruction or input or argument? ? or order? ? or directions or action? ?
S7	
S8	access? or disclos??? or unlock??? or open??? or brows??? or retriev??? or display??? or admission or admittance
S9	manage???? or oversight or administrat??? or control??? or governance or handl??? or manipulat??? or operat??? or oversight or supervis??? or master?

Nesting

N1	s (memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc)
N2	s s1(5n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N3	s s2(5n)(copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch)
N4	s (re()direct? or convert? or transform? or re()route??? or forward??? or relay??? or translat? or advanc?)(5n)(request? ? or command or directive? ? or instruction or input or argument? ? or order? ? or directions or action? ?)
N5	s s3(100n)s4

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1) Selecting a memory location having data contents;
2) copying the data contents to an alternative location in a chipset;
3) (within the chipset) performing memory management operations for the memory location while the memory location is accessible to one or more components;
4) and causing memory requests from the components to be redirected to the alternative location.

Search strings:

PY	9/11/03 not py=2004:2006
save temp	1031memory
Main strings	
S1	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S2	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S3	copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch
S4	
S5	manage????
S6	operation? ? or task? ? or job? ? or procedure? ? or command or instruction or translate
S7	read(3n)write(3n)test
S8	garbage()collect? or s1(3n)reclaim?
S9	chipset or chip()set
Narrowing strings	
S10	copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch
S11	cache or memory()bank or cpu or main()memory
Alternative strings	
S12	component? ? or module? ? or part? ? or piece? ? or element

Nesting:

N1	s memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
N2	s s1(5n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N3	s s1(5n)(copied or copy??? or duplicate? or clone? ? or replicat??? or reproduc? or rewrit??? or remove or switch)
N4	s s2(10n)s3
N5	s (manage????)(10n)(operation? ? or task? ? or job? ? or procedure? ? or command or instruction or translate or chipset or chip()set)
N6	s read(3n)write(3n)test or garbage()collect? or s1(3n)reclaim?
N7	s s5 or s6
N8	s s4(20n)s7

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1) Means for logically replacing a main memory location with a cache memory location in a main memory controller chipset,

    where the means for logically replacing are located in the main memory controller chipset;

2) means for testing the main memory location,

    where the means for testing the main memory location are located in the main memory controller chipset; and

3) means for managing memory faults associated with the main memory location,

where the means for managing memory faults are located in the main memory controller chipset

Search strings:

PY	9/11/03 not py=2004:2006
save temp	1101memory

Main strings	
S1	memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
S2	location? or cell? ? or element? ? or portion or area or part or point or region or position or sector
S3	replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or interchang???
S4	cache
S5	
S6	testing or examin??? or examination? ? or test??? or apprais??? or assess? or investigat??? or check? or evaluat???
S7	manage????
S8	fault? or error? ? or crash??? or abend or fail??? or lock???()up or freez??? or frozen or hang???()up or problem? or bad or irregular or abnormal
S9	chipset? or chip()set?

Nesting:

N1	s memory or ram? ? or rom? ? or prom? ? or eprom? ? or eeprom? ? or dram? ? or sdram? ? or rdram? ? or dimm? ? or sodimm? ? or ecc
N2	s s1(5n)(location? or cell? ? or element? ? or portion or area or part or point or region or position or sector)
N3	s s2(5n)(replac??? or fix??? or substitut??? or swap??? or switch??? or supersed??? or supplant??? or chang??? or displac??? or interchang???)
N4	s s2(7n)(testing or examin??? or examination? ? or test??? or apprais??? or assess? or investigat??? or check? or evaluat???)
N5	s s2(7n)(fault? or error? ? or crash??? or abend or fail??? or lock???()up or freez??? or frozen or hang???()up or problem? or bad or irregular or abnormal)
N6	s (s2 or s3 or s4)(10n)cache